

IN THE CLAIMS:

1. (Original) A process for recognizing the movement of a motor vehicle comprising the steps:

measuring the accelerating forces acting on the motor vehicle at preset time intervals by a acceleration sensor as time-dependent functions and sending the functions to an evaluating and control unit;

determining a frequency spectrum of the functions with the evaluating and control unit on the basis of a Fourier analysis;

if a preset percentage of the frequency spectrum is below a set limit frequency, storing, with the evaluating and control unit, information indicating that the motor vehicle was moved; and

if the preset percentage of the frequency spectrum is not below the set limit frequency, storing, with the evaluating and control unit, information indicating that the motor vehicle was not moved.

2. (Original) A process in accordance with claim 1, wherein the accelerating forces acting on the motor vehicle are measured by the acceleration sensor in at least two mutually independent directions.

3. (Original) A process in accordance with claim 1, wherein the frequency spectrum is determined on the basis of a discrete Fourier analysis.

4. (Original) A process in accordance with claim 1, wherein the limit frequency is a function of the spring system and the weight of the motor vehicle.

5. (Currently Amended) A process for using an acceleration sensor in a device for blocking the starting of a motor vehicle, the process comprising:

providing an evaluating and control unit and an acceleration sensor;

measuring the accelerating forces acting on the motor vehicle with the acceleration sensor;

using the evaluating and control unit to evaluate the accelerating forces acting on the motor vehicle to provide an indication as to whether the motor vehicle has been moved or not during a time the accelerating forces were measured;

providing a handset connected to the evaluating and control unit by which a breath alcohol concentration of a user is measured and is sent as a signal to the evaluating and control unit;

activating a relay or switch by the evaluating and control unit for either interrupting or closing a circuit to a starter of the motor vehicle as a function of the signal by opening or closing a switch.

6. (Currently Amended) A system for blocking the starting of a motor vehicle, the system comprising:

an acceleration sensor measuring the accelerating forces acting on the motor vehicle

with the acceleration sensor at preset time intervals as time-dependent functions;

5            an evaluating and control unit receiving the functions from the acceleration sensor and  
determining a frequency spectrum of the functions with the evaluating and control unit on the  
basis of a Fourier analysis wherein if a preset percentage of the frequency spectrum is below  
a set limit frequency the evaluating and control unit stores information indicating that the  
motor vehicle was moved; and if the preset percentage of the frequency spectrum is not below  
10 the set limit frequency the evaluating and control unit stores information indicating that the  
motor vehicle was not moved;

a handset connected to the evaluating and control unit by which a breath alcohol  
concentration of a user is measured and is sent as a signal to the evaluating and control unit;

a relay or switch activated by the evaluating and control unit for either interrupting or  
closing a circuit to a starter of the motor vehicle as a function of the signal by opening or  
closing a switch.

7. (Canceled)

8. (New) A process according to claim 5 wherein said step of using the evaluating and  
control unit includes receiving signals from the acceleration sensor and analyzing the signals  
to determine a frequency spectrum of the signals with the evaluating and control unit on the  
basis of a Fourier Analysis.

9. (New) A process according to claim 8, wherein on the basis of the Fourier Analysis if a preset percentage of the frequency spectrum is below a set limit frequency the evaluating and control unit stores information indicating that the motor vehicle has moved and if the preset percentage of the frequency spectrum is not below the set limit frequency the evaluating and control unit stores information indicating that the motor vehicle was not moved.